

Name \_\_\_\_\_ Period \_\_\_\_\_

### Investigating Plate Movement and Faults

1. How did the pads behave when pulled from opposite ends?
2. How did the pads behave when compressed?
3. If oceanic plates are colder, denser, and thinner than continental plates are, which pad do you think represented oceanic plates?
4. Again, if oceanic plates are colder, denser, and thinner than continental plates are, which pad do you think represented continental plates?
5. How did the density of the pads affect the way they behaved when you made them collide?
6. When do colliding plates on the earth form mountains?
7. When do colliding plate form trenches?
8. Why would a more dense oceanic plate slide under a less dense continental plate?
9. Can plates ever move without forming new land? If so, when?
10. How do you think colliding plates on the earth cause earthquakes?